

Converting Colors

Hex(5CA911)

Have a look what the booklet for
Hex(5CA911) contains.

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Color

Hex(5CA911)

Conversions

Conversions Part 1

Format	Color
Hex	5CA911
RGB	92, 169, 17
RGB Percent	36%, 66%, 7%
CMY	0.6392, 0.3373, 0.9333
CMYK	0.46, 0.00, 0.90, 0.34
HSL	90°, 82%, 36%
HSV	90°, 90%, 66%
XYZ	18.7028, 30.6917, 5.4687
YIQ	128.6490, 2.9000, -63.5960

Conversions

Conversions Part 2

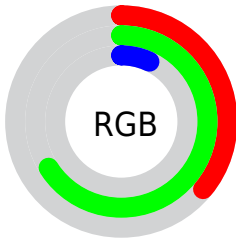
Format	Color
RYB	17, 169, 94
Decimal	6072593
CIELab	62.25, -46.45, 61.12
CIELCh	62, 76.764, 127.235
Yxy	30.6917, 0.3409, 0.5594
Android (android.graphics.Color)	4284262673 (0xFF5CA911)
YUV	128.6490, -55.0430, -32.1412
Hunter-Lab	55.4001, -36.6895, 32.9274

Details

The Hex color **5CA911** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E11A9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **95E151**, and **1D7400** is the 20% darker color. If you saturate the color by 10%, you get **53A900**, and if you desaturate by 10%, it is **65A922**.

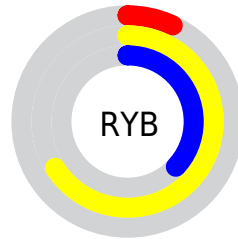
Distribution



Red (36%)

Green (66%)

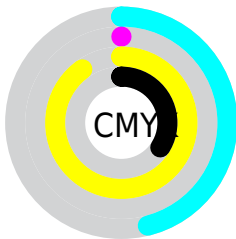
Blue (7%)



Red (7%)

Yellow (66%)

Blue (37%)

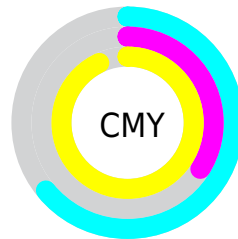


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (34%)



Cyan (64%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA911 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5CA911 by changing the saturation by 10% instead.

 5CA911

 5CA911

FFFFFF

 3F8E00

 95E151

 1D7400

 B2FE6C

 005B00

 CFFF88

 004200

 EDFFA3

 002C00

 FFFFC0

 000F00

 FFFFDD

 000000

 FFFFFA

 5CA911

 5CA911

■ 53A900

■ 65A922

■ 6DA933

■ 76A944

■ 7EA955

■ 87A966

■ 8FA976

■ 98A987

■ A0A998

■ A9A9A9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A69900



5CA911



00B25E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5CA911



00ACFF



FF4989

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5CA911



5E11A9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F359CD



5CA911



009AFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5CA911



00B4E8



AB7CFF



FF5F47

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5CA911



00B48E



AB7CFF



FF4AA0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5CA911



BDDBA0



A95D11



5C6E4B



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5CA911



6CDB00



11A911



50544C



499400



0A1400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5E11A9



6F00DB



A911A9



504C54



4B0094



0A0014

Previews

White Background



This preview shows how the Hex color 5CA911 looks on a white background.

Color Contrast Check

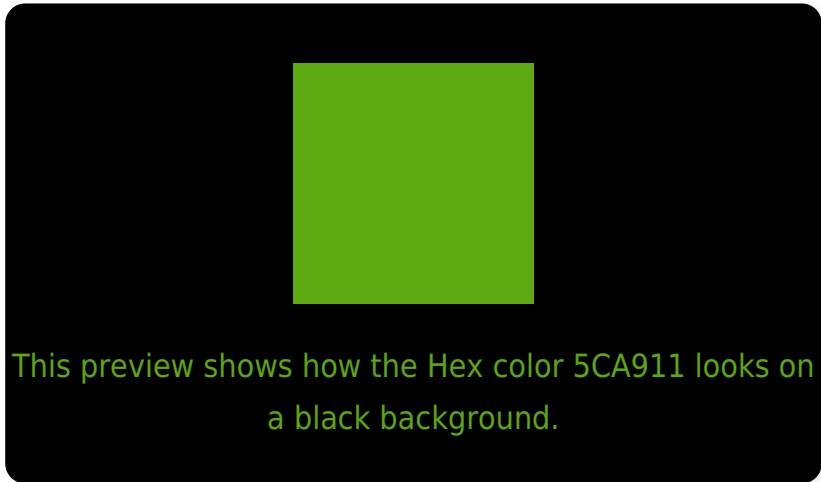
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5CA911 Background



This preview shows how black text looks on a background with the Hex color 5CA911.

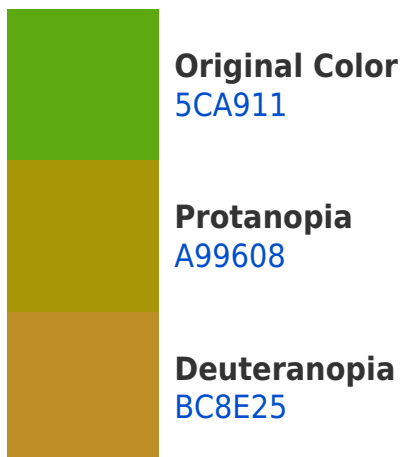


This preview shows how white text looks on a background with the Hex color 5CA911.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
5CA911



Protanomaly
8D9D0B



Deuteranomaly
99981E



Tritanomaly
69A172

Monochromacy



Original Color
5CA911



Achromatopsia
818181



Achromatomaly
749058

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA911 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5CA911 looks like.

```
.text, #text, p{  
    color:#5CA911  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5CA911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA911
}
```

Border

The CSS property to change the border of an element to Hex 5CA911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5CA911 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5CA911 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5CA911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA911; -webkit-box-shadow:4px 4px  
4px 4px #5CA911; box-shadow:4px 4px 4px  
4px #5CA911 }
```

Background

The CSS property to change the background color of an element to Hex 5CA911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA911 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5CA911 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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